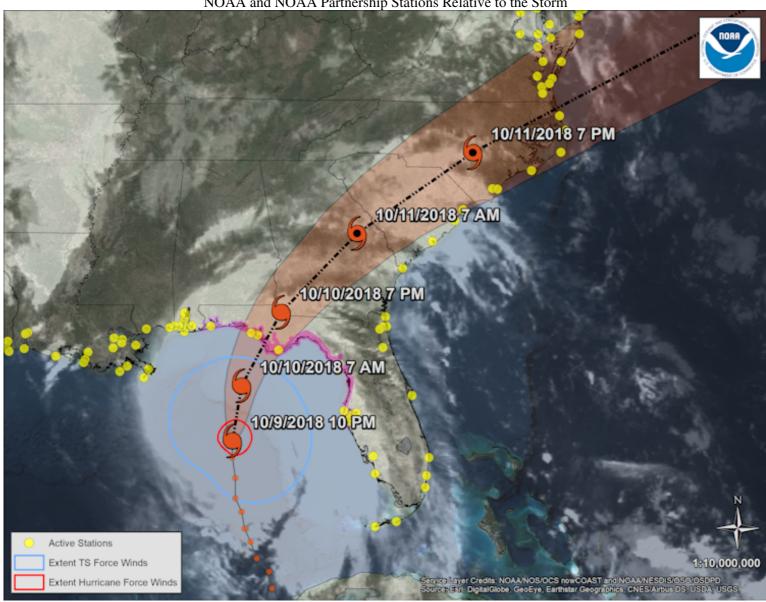




Hurricane Michael QuickLook Posted: 23:00 CDT 10/09/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/09/2018 23:00 CDT, water levels at stations along the Gulf of Mexico coastline are elevated and continue to rise at several locations. Measured water levels along the Florida panhandle from Tampa Bay to Pensacola range from 2.0 to 2.8 feet above normal tide levels. Farther south, along the west coast of Florida including locations in and around Fort Myers and Naples, water levels are generally measuring 1.2 to 1.5 feet above normal tide levels. Water levels from Alabama to southeastern Louisiana, including Mobile Bay are also rising and range between 2.5 and 3.4

feet above tidal predictions with the highest water level above tide presently being measured at Shell Beach, LA.

In general, the northern Gulf of Mexico experiences low tidal ranges and the potential exists for significant flooding due to Michael regardless of the phase of the tide.

Winds at many locations from southeast Louisiana to southern Florida range between 10 and 20 knots with gusts up to 25 knots. Barometric pressure continues to fall across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting <u>Mean Higher High Water</u> (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit <u>Coastal Inundation Dashboard</u>. For additional data, please see the <u>Center for Operational Oceanographic Products & Services</u> website.

For more information or archived products and reports, please visit the **Storm QuickLook** Homepage.

Analyst: RCL	

Select National Hurricane Center Advisory

Hurricane Michael Advisory Number 14 NWS National Hurricane Center Miami FL 1000 PM CDT Tue Oct 09 2018

...DANGEROUS HURRICANE MICHAEL CONTINUES TO STRENGTHEN...
...LIFE-THREATENING STORM SURGE...HURRICANE FORCE WINDS...AND HEAVY
RAINFALL EXPECTED ALONG THE NORTHEASTERN GULF COAST...

SUMMARY OF 1000 PM CDT...0300 UTC...INFORMATION

LOCATION...27.1N 86.5W
ABOUT 220 MI...355 KM SSW OF PANAMA CITY FLORIDA
ABOUT 200 MI...325 KM SSW OF APALACHICOLA FLORIDA
MAXIMUM SUSTAINED WINDS...125 MPH...205 KM/H
PRESENT MOVEMENT...N OR 355 DEGREES AT 12 MPH...19 KM/H
MINIMUM CENTRAL PRESSURE...947 MB...27.97 INCHES

WATCHES	AND	WARNI	NGS

CHANGES WITH THIS ADVISORY:

None.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

* Okaloosa/Walton County Line Florida to Anclote River Florida

A Storm Surge Watch is in effect for...

- * Anclote River Florida to Anna Maria Island Florida, including Tampa Bay
- * Alabama/Florida border to Okaloosa/Walton County Line Florida

A Hurricane Warning is in effect for...

* Alabama/Florida border to Suwannee River Florida

A Tropical Storm Warning is in effect for...

- * Alabama/Florida border to the Mississippi/Alabama border
- * Suwanee River Florida to Chassahowitzka Florida
- * north of Fernandina Beach Florida to South Santee River South Carolina

A Tropical Storm Watch is in effect for...

- * Chassahowitzka to Anna Maria Island Florida, including Tampa Bay
- * Mississippi/Alabama border to the Mouth of the Pearl River
- * South Santee River South Carolina to Duck North Carolina
- * Pamlico and Albemarle Sounds

A Storm Surge Warning means there is a danger of life-threatening inundation, from rising water moving inland from the coastline, during the next 36 hours in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov. This is a life-threatening situation. Persons located within these areas should take all necessary actions to protect life and property from rising water and the potential for other dangerous conditions. Promptly follow evacuation and other instructions from local officials.

A Hurricane Warning means that hurricane conditions are expected somewhere within the warning area, in this case within the next 24 hours. Preparations to protect life and property should be rushed to completion.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, in this case during the next 12 hours.

A Storm Surge Watch means there is a possibility of lifethreatening inundation, from rising water moving inland from the coastline.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area.

Interests elsewhere across the southeastern United States should monitor the progress of Michael.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND OUTLOOK

At 1000 PM CDT (0300 UTC), the center of Hurricane Michael was located near latitude 27.1 North, longitude 86.5 West. Michael is moving toward the north near 12 mph (19 km/h). A northward motion is expected through tonight, followed by a northeastward motion on Wednesday and Thursday. On the forecast track, the center of Michael will move across the eastern Gulf of Mexico through tonight. The center of Michael's eye is then expected to move inland over the Florida Panhandle or Florida Big Bend area on Wednesday, and then move northeastward across the southeastern United States Wednesday night and Thursday, and move off the Mid-Atlantic coast away from the United States on Friday.

Data from a NOAA Hurricane Hunter aircraft indicate that maximum sustained winds have increased to near 125 mph (205 km/h) with higher gusts. Michael is now a strong category 3 hurricane on the Saffir-Simpson Hurricane Wind Scale. Some further strengthening is expected overnight and on Wednesday, and Michael is forecast to become a category 4 hurricane before it makes landfall in the Florida Panhandle or the Florida Big Bend area. Weakening is expected after landfall as Michael moves across the southeastern United States.

Hurricane-force winds extend outward up to 45 miles (75 km) from the center and tropical-storm-force winds extend outward up to 175 miles (280 km).

The minimum central pressure recently measured by the reconnaissance aircraft was 947 mb (27.97 inches).

HAZARDS AFFECTING LAND

STORM SURGE: The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water has the potential to reach the following heights above ground if peak surge occurs at the time of high tide...

Mexico Beach FL to Keaton Beach FL...9-13 ft Okaloosa/Walton County Line FL to Mexico Beach FL...6-9 ft Keaton Beach FL to Cedar Key FL...6-9 ft Cedar Key FL to Chassahowitzka FL...4-6 ft Chassahowitzka to Anna Maria Island FL including Tampa Bay...2-4 ft Alabama/Florida border to Okaloosa/Walton County Line FL...2-4 ft

WIND: Hurricane conditions are expected within the hurricane warning area along the U.S. Gulf Coast by Wednesday, with tropical storm conditions expected by tonight or early Wednesday. Hurricane conditions will also spread well inland across portions of the Florida Panhandle, southeastern Alabama and southwestern Georgia.

Tropical storm conditions are expected in the tropical storm warning area by tonight or early Wednesday, and are possible within the tropical storm watch area by that time. Hurricane conditions are possible within the hurricane watch area by Wednesday.

Tropical storm conditions are expected in the warning area along the southeast U.S. coast by Wednesday, and possible in the watch area by late Wednesday.

RAINFALL: Michael is expected to produce the following rainfall amounts through Friday...

Florida Panhandle and Big Bend, southeast Alabama, and portions of southwest and central Georgia...4 to 8 inches, with isolated maximum amounts of 12 inches. This rainfall could lead to life threatening flash floods.

The remainder of Georgia, the Carolinas, and southern Virginia...3 to 6 inches, with isolated maximum amounts of 8 inches. This rainfall could lead to life-threatening flash floods.

Florida Peninsula, eastern Mid Atlantic, southern New England coast...1-3 inches.

SURF: Swells generated by Michael are affecting the coasts of the eastern and northern Gulf of Mexico, and will spread to portions of the northwestern and western Gulf of Mexico coast during the next day or so. These swells are likely to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

TORNADOES: The threat for tornadoes will increase late tonight into Wednesday over parts of the Florida Panhandle, the northern Florida Peninsula, and southern Georgia.

NEXT ADVISORY

Next intermediate advisory at 100 AM CDT. Next complete advisory at 400 AM CDT.

Forecaster Stewart

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

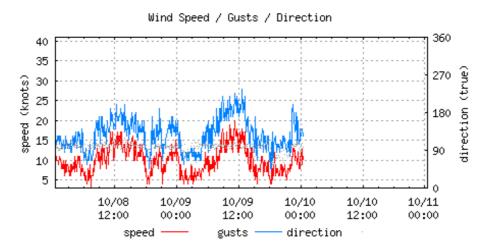
Jump to: Panama City Beach - Water Level, Panama City Beach - Winds, Panama City Beach - Barometric, Panama City - Water Level, Panama City - Winds, Panama City - Barometric, Apalachicola - Water Level, Apalachicola - Winds, Cedar Key - Water Level, Cedar Key - Winds, Clearwater Beach - Water Level, Clearwater Beach - Winds, Clearwater Beach - Barometric, Old Port Tampa - Water Level, Old Port Tampa - Winds, St. Petersburg, Tampa Bay - Water Level, St. Petersburg, Tampa Bay - Winds, Fort Myers, Caloosahatchee River - Water Level, Fort Myers, Caloosahatchee River - Winds, Naples, Gulf of Mexico - Water Level, Pensacola - Water Level, Pensacola - Barometric, Dauphin Island - Water Level, Dauphin Island - Winds, Dauphin Island - Barometric, Coast Guard Sector Mobile - Water Level, Coast Guard Sector Mobile - Winds, Pascagoula NOAA Lab - Water Level, Bay Waveland Yacht Club - Water Level, Shell Beach - Winds, Southbank Riverwalk, St Johns River - Water Level, Fernandina Beach - Water Level, Charleston, Cooper River Entrance - Water Level

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 2.5 Height in Feet (MHHW) 2.0 1.5 1.0 0.5 0.0 -0.5 -1.0 10/08 10/09 10/09 10/10 10/10 10/11 12:00 00:00 12:00 00:00 12:00 00:00 Predicted Tide (Obs-Pred) Observed WL MHHW

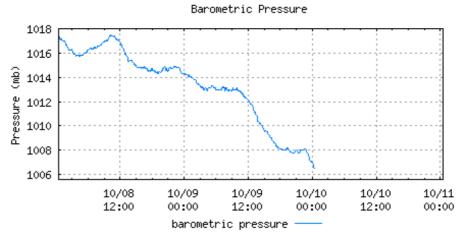
Last Observed Sample: 10/10/2018 00:24 (CDT). Data relative to MHHW Observed: 2.01 ft. Predicted: -0.11 ft. Residual: 2.12 ft. Historical Maximum Water Level: Oct 4 1995, 7.07 ft. Next High Tide: 10/10/2018 13:24 (CDT), -0.19 ft.

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



Last Observed Sample: 10/10/2018 00:24 (CDT) Wind Speed: 11 knots Gusts: 16 knots Direction: 98° T

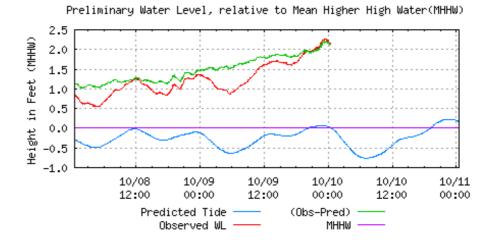
NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



Last Observed Sample: 10/10/2018 00:24 (CDT)

Barometric Pressure: 1006.5 mb

NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 10/10/2018 00:24 (CDT). Data relative to MHHW Observed: 2.16 ft. Predicted: 0.02 ft. Residual: 2.14 ft. Historical Maximum Water Level: Oct 4 1995, 5.72 ft. Next High Tide: 10/10/2018 22:30 (CDT), 0.23 ft.

NOAA/NOS/CO-OPS 8729108 Panama City, FL

Wind Speed / Gusts / Direction 360 40 35 direction (true) 270 speed (knots) 30 25 180 20 15 10 10/11 10/08 10/10 10/10 12:00 00:00 12:00 00:00 12:00 00:00 gusts direction

Last Observed Sample: 10/10/2018 00:24 (CDT) Wind Speed: 11 knots Gusts: 18 knots Direction: 68° T

NOAA/NOS/CO-OPS 8729108 Panama City, FL

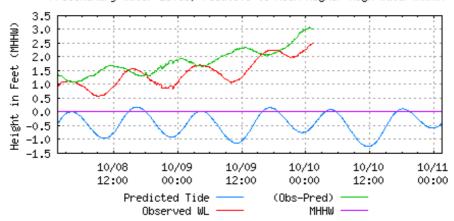
Barometric Pressure 1018 1016 Pressure (mb) 1014 1012 1010 1008 1006 10/08 10/09 10/09 10/10 10/10 10/11 12:00 00:00 12:00 00:00 12:00 00:00 barometric pressure

Last Observed Sample: 10/10/2018 00:24 (CDT)

Barometric Pressure: 1006.7 mb

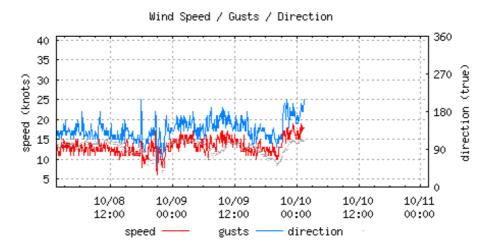
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/10/2018 01:24 (EDT). Data relative to MHHW Observed: 2.52 ft. Predicted: -0.48 ft. Residual: 3.00 ft. Historical Maximum Water Level: Jul 10 2005, 6.43 ft. Next High Tide: 10/10/2018 04:39 (EDT), 0.08 ft.

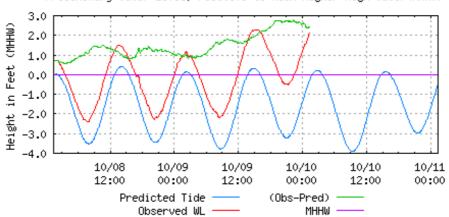
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 10/10/2018 01:24 (EDT) Wind Speed: 18 knots Gusts: 25 knots Direction: 110° T

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

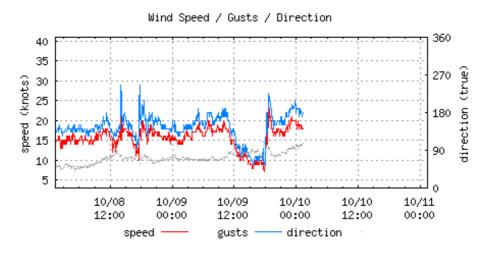
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/10/2018 01:24 (EDT). Data relative to MHHW Observed: 2.14 ft. Predicted: -0.26 ft. Residual: 2.40 ft. Historical Maximum Water Level: Sep 2 2016, 5.98 ft.

Next High Tide: 10/10/2018 02:48 (EDT), 0.22 ft.

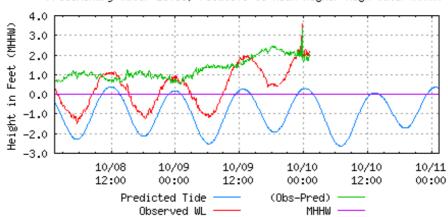
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 10/10/2018 01:24 (EDT) Wind Speed: 19 knots Gusts: 22 knots Direction: 103° T

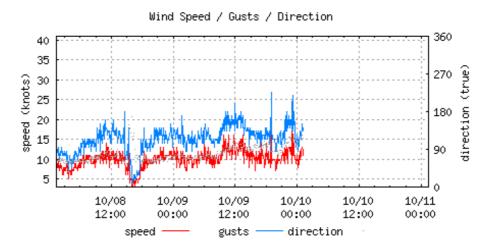
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



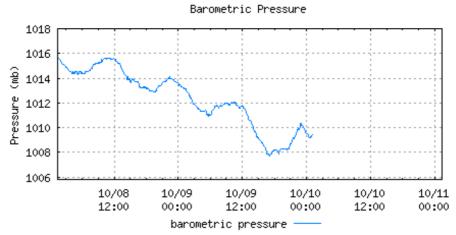
Last Observed Sample: 10/10/2018 01:18 (EDT). Data relative to MHHW Observed: 1.98 ft. Predicted: 0.17 ft. Residual: 1.81 ft. Historical Maximum Water Level: Mar 13 1993, 4.00 ft. Next High Tide: 10/10/2018 13:25 (EDT), 0.08 ft.

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 10/10/2018 01:18 (EDT) Wind Speed: 9 knots Gusts: 18 knots Direction: 129° T

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 10/10/2018 01:18 (EDT)
Barometric Pressure: 1009.3 mb

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 2.5 2.0 1.5 1.0 Feet 0.5 0.0 Ë -0.5 -1.0 Height -1.5-2.0 -2.510/08 10/09 10/09 10/10 10/10 10/11 12:00 00:00 00:00 12:00 00:00 12:00 Predicted Tide (Obs-Pred) Observed WL MHHW

Last Observed Sample: 10/10/2018 01:24 (EDT). Data relative to MHHW Observed: 1.79 ft. Predicted: -0.25 ft. Residual: 2.04 ft. Historical Maximum Water Level: Oct 8 1996, 3.60 ft. Next High Tide: 10/10/2018 03:29 (EDT), 0.20 ft.

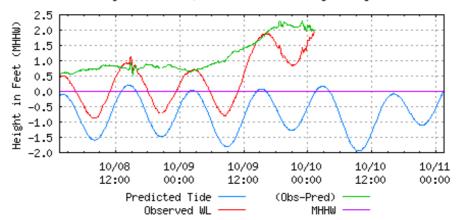
NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL

Wind Speed / Gusts / Direction 360 40 35 270 direction (true) speed (knots) 30 25 180 20 15 90 10 10/08 10/09 10/09 10/10 10/10 10/11 12:00 00:00 12:00 12:00 00:00 00:00 gusts direction speed -

Last Observed Sample: 10/10/2018 01:24 (EDT) Wind Speed: 9 knots Gusts: 13 knots Direction: 128° T

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/10/2018 01:12 (EDT). Data relative to MHHW Observed: 1.92 ft. Predicted: -0.08 ft. Residual: 2.00 ft. Historical Maximum Water Level: Aug 31 1985, 4.00 ft. Next High Tide: 10/10/2018 02:46 (EDT), 0.17 ft.

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL

Wind Speed / Gusts / Direction 360 40 35 direction (true) 270 speed (knots) 30 25 180 20 15 90 10 10/08 10/09 10/09 10/10 10/11 10/10 12:00 00:00 12:00 12:00 00:00 00:00 gusts direction

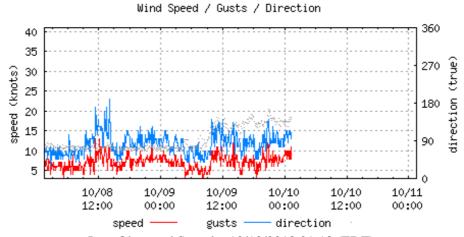
Last Observed Sample: 10/10/2018 01:12 (EDT) Wind Speed: 8 knots Gusts: 16 knots Direction: 136° T

NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 2.0 Height in Feet (MHHW) 1.5 1.0 0.5 0.0 -0.5 -1.0 -1.510/08 10/09 10/09 10/10 10/10 10/11 12:00 00:00 00:00 12:00 00:00 12:00 (Obs-Pred) Predicted Tide Observed WL MHHW

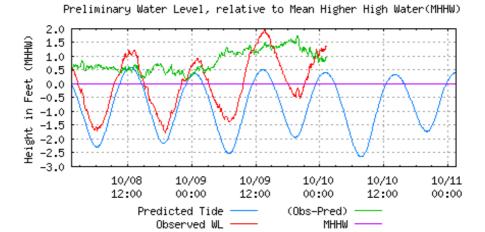
Last Observed Sample: 10/10/2018 01:18 (EDT). Data relative to MHHW Observed: 0.99 ft. Predicted: -0.49 ft. Residual: 1.48 ft. Historical Maximum Water Level: Nov 23 1988, 3.41 ft. Next High Tide: 10/10/2018 04:40 (EDT), 0.17 ft.

NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL



Last Observed Sample: 10/10/2018 01:18 (EDT) Wind Speed: 8 knots Gusts: 13 knots Direction: 142° T

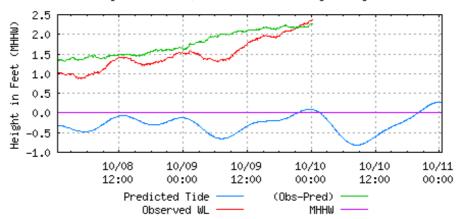
NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 10/10/2018 01:18 (EDT). Data relative to MHHW Observed: 1.36 ft. Predicted: 0.40 ft. Residual: 0.96 ft. Historical Maximum Water Level: Sep 10 2017, 4.02 ft. Next High Tide: 10/10/2018 14:05 (EDT), 0.35 ft.

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

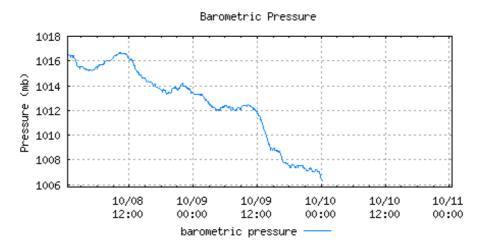
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/10/2018 00:18 (CDT). Data relative to MHHW Observed: 2.35 ft. Predicted: 0.08 ft. Residual: 2.27 ft. Historical Maximum Water Level: Sep 16 2004, 9.54 ft.

Next High Tide: 10/10/2018 23:58 (CDT), 0.28 ft.

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

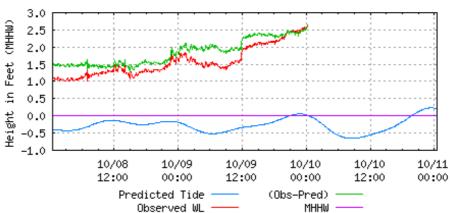


Last Observed Sample: 10/10/2018 00:18 (CDT)

Barometric Pressure: 1006.1 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

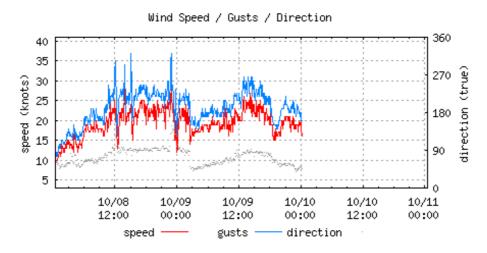
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/10/2018 00:18 (CDT). Data relative to MHHW Observed: 2.63 ft. Predicted: 0.02 ft. Residual: 2.61 ft. Historical Maximum Water Level: Sep 12 1979, 7.96 ft.

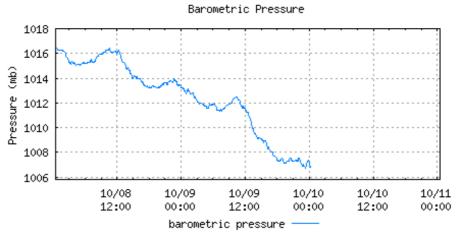
Next High Tide: 10/10/2018 23:23 (CDT), 0.23 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 10/10/2018 00:18 (CDT) Wind Speed: 17 knots Gusts: 20 knots Direction: 44° T

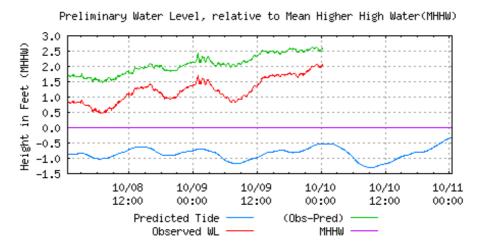
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 10/10/2018 00:18 (CDT)

Barometric Pressure: 1006.7 mb

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



Last Observed Sample: 10/10/2018 00:18 (CDT). Data relative to MHHW Observed: 2.04 ft. Predicted: -0.54 ft. Residual: 2.58 ft. Historical Maximum Water Level: Oct 8 2017, 5.38 ft. Next High Tide: 10/10/2018 01:40 (CDT), -0.53 ft.

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL

Wind Speed / Gusts / Direction 360 40 35 direction (true) 270 speed (knots) 30 25 180 20 15 90 10 10/08 10/09 10/09 10/10 10/10 10/11 12:00 00:00 12:00 00:00 12:00 00:00 gusts direction

Last Observed Sample: 10/10/2018 00:18 (CDT) Wind Speed: 11 knots Gusts: 14 knots Direction: 49° T

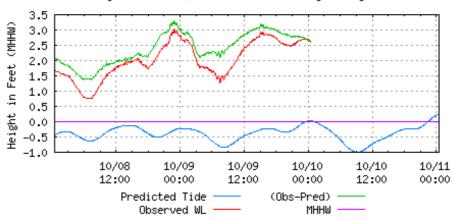
NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 3.0 Height in Feet (MHHW) 2.5 2.0 1.5 1.0 0.5 0.0 -0.5 -1.0 10/08 10/09 10/09 10/10 10/10 10/11 12:00 12:00 00:00 12:00 00:00 00:00 Predicted Tide (Obs-Pred) Observed WL MHHW

Last Observed Sample: 10/10/2018 00:18 (CDT). Data relative to MHHW Observed: 2.31 ft. Predicted: -0.09 ft. Residual: 2.40 ft. Historical Maximum Water Level: Oct 8 2017, 6.20 ft. Next High Tide: 10/10/2018 22:44 (CDT), 0.20 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

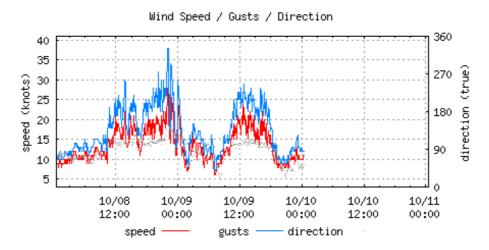
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/10/2018 00:24 (CDT). Data relative to MHHW Observed: 2.62 ft. Predicted: 0.03 ft. Residual: 2.59 ft. Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 10/11/2018 00:45 (CDT), 0.25 ft.

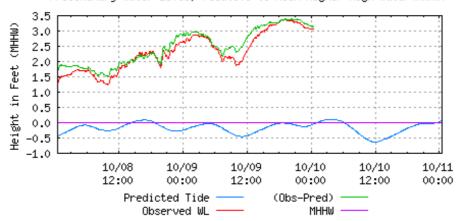
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 10/10/2018 00:24 (CDT) Wind Speed: 11 knots Gusts: 12 knots Direction: 54° T

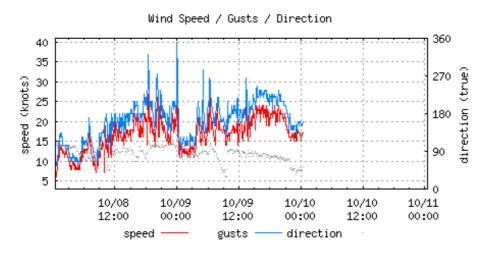
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/10/2018 00:24 (CDT). Data relative to MHHW Observed: 3.08 ft. Predicted: -0.05 ft. Residual: 3.13 ft. Historical Maximum Water Level: Aug 29 2012, 9.37 ft. Next High Tide: 10/10/2018 03:40 (CDT), 0.12 ft.

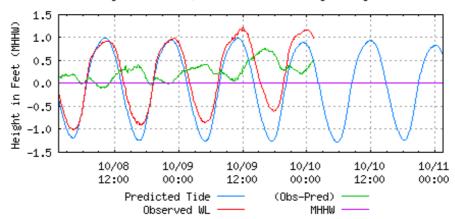
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 10/10/2018 00:24 (CDT) Wind Speed: 17 knots Gusts: 20 knots Direction: 50° T

NOAA/NOS/CO-OPS 8720226 Southbank Riverwalk, St Johns River, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/10/2018 01:12 (EDT). Data relative to MHHW Observed: 0.99 ft. Predicted: 0.50 ft. Residual: 0.49 ft. Historical Maximum Water Level: Sep 11 2017, 4.90 ft. Next High Tide: 10/10/2018 11:55 (EDT), 0.94 ft.

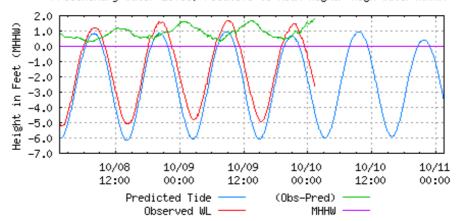
NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 3.0 Feet (MHHW) 2.0 1.0 0.0 -1.0 -2.0 ij -3.0 -4.0 -5.0 -6.0 -7.0 10/08 10/09 10/09 10/10 10/10 10/11 12:00 00:00 12:00 00:00 12:00 00:00 Predicted Tide (Obs-Pred) MHHW Observed WL

Last Observed Sample: 10/10/2018 01:18 (EDT). Data relative to MHHW Observed: -2.24 ft. Predicted: -3.57 ft. Residual: 1.33 ft. Historical Maximum Water Level: Oct 2 1898, 6.91 ft. Next High Tide: 10/10/2018 10:28 (EDT), 1.21 ft.

NOAA/NOS/CO-OPS 8665530 Charleston, Cooper River Entrance, SC

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 10/10/2018 01:18 (EDT). Data relative to MHHW Observed: -2.58 ft. Predicted: -4.36 ft. Residual: 1.78 ft.

Historical Maximum Water Level: Sep 21 1989, 6.76 ft. Next High Tide: 10/10/2018 09:32 (EDT), 0.96 ft.

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8729210	Panama City Beach, FL	10/10/2018 00:24 (CDT)	2.01 ft	-0.11 ft	2.12 ft	2.37 ft
8729108	Panama City, FL	10/10/2018 00:24 (CDT)	2.16 ft	0.02 ft	2.14 ft	2.27 ft
8728690	Apalachicola, FL	10/10/2018 01:24 (EDT)	2.52 ft	-0.48 ft	3.00 ft	2.52 ft
8727520	Cedar Key, FL	10/10/2018 01:24 (EDT)	2.14 ft	-0.26 ft	2.40 ft	2.29 ft
8726724	Clearwater Beach, FL	10/10/2018 01:18 (EDT)	1.98 ft	0.17 ft	1.81 ft	3.61 ft
8726607	Old Port Tampa, FL	10/10/2018 01:24 (EDT)	1.79 ft	-0.25 ft	2.04 ft	1.93 ft
8726520	St. Petersburg, Tampa Bay, FL	10/10/2018 01:12 (EDT)	1.92 ft	-0.08 ft	2.00 ft	1.92 ft
8725520	Fort Myers, Caloosahatchee River, FL	10/10/2018 01:18 (EDT)	0.99 ft	-0.49 ft	1.48 ft	1.44 ft
8725110	Naples, Gulf of Mexico, FL	10/10/2018 01:18 (EDT)	1.36 ft	0.40 ft	0.96 ft	1.97 ft
8729840	Pensacola, FL	10/10/2018 00:18 (CDT)	2.35 ft	0.08 ft	2.27 ft	2.36 ft
8735180	Dauphin Island, AL	10/10/2018 00:18 (CDT)	2.63 ft	0.02 ft	2.61 ft	2.64 ft
8736897	Coast Guard Sector Mobile, AL	10/10/2018 00:18 (CDT)	2.04 ft	-0.54 ft	2.58 ft	2.06 ft
8741533	Pascagoula NOAA Lab, MS	10/10/2018 00:18 (CDT)	2.31 ft	-0.09 ft	2.40 ft	2.62 ft
8747437	Bay Waveland Yacht Club, MS	10/10/2018 00:24 (CDT)	2.62 ft	0.03 ft	2.59 ft	2.93 ft
8761305	Shell Beach, LA	10/10/2018 00:24 (CDT)	3.08 ft	-0.05 ft	3.13 ft	3.37 ft
8720226	Southbank Riverwalk, St Johns River, FL	10/10/2018 01:12 (EDT)	0.99 ft	0.50 ft	0.49 ft	1.24 ft
8720030	Fernandina Beach, FL	10/10/2018 01:18 (EDT)	-2.24 ft	-3.57 ft	1.33 ft	1.60 ft
8665530	Charleston, Cooper River Entrance, SC	10/10/2018 01:18 (EDT)	-2.58 ft	-4.36 ft	1.78 ft	1.68 ft

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